Interference 10/617,504

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	907	((715/530,531,772,861,833) or (465/466,566)).CCLS.	US-PGPUB	OR	OFF	2007/05/15 13:53
L2	304	1 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/05/15 13:53
L3	5	2 and (cursor\$1 with indicator\$1)	US-PGPUB	OR	OFF	2007/05/15 14:05
L4	3006	((715/530,531,772,861,833) or (455/466,566)).CCLS.	US-PGPUB	OR	OFF	2007/05/15 13:53
L5	998	4 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/05/15 13:53
L6	9	5 and (cursor\$1 with indicator\$1)	US-PGPUB	OR	OFF	2007/05/15 14:05



Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	907	((715/530,531,772,861,833) or (465/466,566)).CCLS.	US-PGPUB	OR	OFF	2007/05/15 14:06
L2	304	1 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/05/15 14:06
L3	5	2 and (cursor\$1 with indicator\$1)	US-PGPUB	OR	OFF	2007/05/15 14:07
L4	3006	((715/530,531,772,861,833) or (455/466,566)).CCLS.	US-PGPUB	OR	OFF	2007/05/15 13:53
L5	998	4 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/05/15 13:53
L6	9	5 and (cursor\$1 with indicator\$1)	US-PGPUB	OR	OFF	2007/05/15 14:05
L7	116173	((715/530,531,772,861,833) or (455/405,412.1,412.2,422.1,466, 566)).CCLS. or ("379").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:06
L8	64976	7 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:07
L9	87	8 and (cursor\$1 with indicator\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:07
L10	23	8 and (cursor\$1 NEAR indicator\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:07

S1	103	("4416558" "4922448" "6160555" "6169538" "4481603" "5507581" "5276792" "5857789" "5864332" "5796404" "5689718" "4330845" "4385461" "4809220" "4603330" "6310634" "5685001" "5701499" "5916310" "5251292" "5727224" "5752058" "5857212" "3848232" "4430725" "4435778" "4435777" "4779209" "4853878" "4897804" "5319746" "6044387" "4899276" "4434475" "4507753" "6021336" "5802537" "5008847" "5652806" "6133899" "5642132" "6130628" "4849732" "4933896" "5544048" "6098086" "6370282" "4459678" "5377311" "5881169").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 11:47
S2	101	S1 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 12:37
S3	103	("4416558" "4922448" "6160555" "6169538" "4481603" "5507581" "5276792" "5857789" "5864332" "5796404" "5689718" "4330845" "4385461" "4809220" "4603330" "6310634" "5685001" "5701499" "5916310" "5251292" "5727224" "5752058" "5857212" "3848232" "4430725" "4435778" "4435777" "4779209" "4853878" "4899276" "4434475" "4507753" "6021336" "5802537" "5008847" "5652806" "6133899" "5642132" "6130628" "4849732" "4933896" "5544048" "6098086" "6370282" "4459678" "5377311" "5881169").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:40
S4	101	S3 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:40
S5	101	S3 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:07

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S6	13	S5 and indicator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:41
S7	17	("3786429" "4016365" "4367533" "4373194" "4417239" "4428065" "4739318" "4840499" "4841478" "4931987" "4984162" "5277506").PN. OR ("5864332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 13:41
S8		S5 and edit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:44
S9	32	S5 and edit\$3 and limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:44
S10	11	S5 and edit\$3 and limit\$3 and window\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:45
S11	0	S5 and (edit\$3 and (limit\$3 near spac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:46
S12	0	S5 and (limit\$3 near spac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:46
S13	0	S5 and (minimal near spac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:47
S14	90	(EOL or (end near line\$1)) near (indicator\$1 or warn\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:49

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S15	0	S5 and ((EOL or (end near line\$1)) near (indicator\$1 or warn\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:48
S16	1	S5 and ((EOL or (end near line\$1)) near5 (indicator\$1 or warn\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:49
S17	1	S5 and ((EOL or (end near line\$1)) with (indicator\$1 or warn\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:49
S18	4	(EOL or (end near line\$1)) near (indicator\$1 or warn\$4) and (pda or palm or phone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:52
S19	3	(minimal\$5 near (input near spac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:53
S20	617	(400/83).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 13:53
S21	589	S20 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:07
S22	889	(715/531).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:07
S23	828	S22 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:07
S24	247	S23 and ((text\$1 or character\$1) near display\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:12

S25	4	S24 and ((cell or mobile or portable)	US-PGPUB;	OR	OFF	2005/08/09 14:08
	7	near phone)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OK .	OLE	2003/00/03 14.00
S26	26	S23 and (((text\$1 or character\$1) near display\$3) same (limit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 14:12
S27	280	(input near (form\$1 or field\$1)) and (limited near space\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:49
S28	92	(input near (form\$1 or field\$1)) and (limited near space\$1) and (feedback or (feed near back))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:52
S29	63	S28 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:52
S30	116	(input near (form\$1 or field\$1)) and (limited near space\$1) and (feedback or (feed near back) or progress)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:55
S31	86	S30 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:59
S32	665800	(feedback or (feed near back) or progress or (progress near (bar\$1 or indicator\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:55
S33	665800	(feedback or (feed near back)) or (progress or (progress near (bar\$1 or indicator\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:56

S34	435983	((feedback or (feed near back)) or (progress or (progress near (bar\$1 or indicator\$1))) same (text\$1 or character\$1 or graphic\$1 or pen\$1) near (input\$1 or typ\$3 or writ\$3 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:57
S35	435705	((feedback or (feed near back)) or (progress or (progress near (bar\$1 or indicator\$1))) near (text\$1 or character\$1 or graphic\$1 or pen\$1) near (input\$1 or typ\$3 or writ\$3 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:58
S36	8583	((feedback or (feed near back)) or (progress or (progress near (bar\$1 or indicator\$1))) near (text\$1 or character\$1 or graphic\$1 or pen\$1) near (input\$1 or typ\$3 or writ\$3 or enter\$3)) and (graphical adj user adj interfac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 12:58
S37	797	((feedback or (feed near back)) or (progress or (progress near (bar\$1 or indicator\$1))) near (text\$1 or character\$1 or graphic\$1 or pen\$1) near (input\$1 or typ\$3 or writ\$3 or enter\$3)) and (graphical adj user adj interfac\$3) and (form\$1 near (field\$1 or input\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2005/08/10 12:58
S38	551	S37 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2005/08/10 13:06
S39	116	S38 and pervasive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:06
S40	133	(715/772).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:06
S41	99	S40 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:17

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S42	70	S41 and limited	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:09
S43	84	S41 and limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:09
S44	2	S41 and ((character\$1 or letter\$1 or text\$1) near (input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:59
S45	11	S41 and ((character\$1 or letter\$1 or text\$1) with (input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:17
S46	1227	(feedback\$1) same ((character\$1 or letter\$1 or text\$1) with (input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:17
S47	947	S46 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:59
S48	1571	progress near (bar\$1 or indicator\$1 or checklist\$1 or (check adj list\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 13:59
S49	1074	S48 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:37
S50	622	S49 and (character\$1 or letter\$1 or text\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:00
S51	26	S50 and (visual\$2 near feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:36

S52	38	(progress near bar\$1) and (visual\$2 near feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:36
S53	15	S52 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:45
S54	0	("2003/0046401").URPN.	USPAT	OR	OFF	2005/08/10 14:45
S55	1	(typing or input) near (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:46
S56	1	(typing or input key\$3) near (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:47
S57	1	(input\$1) near (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:47
S58	1	(input\$1) near3 (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:47
S59	1	(input\$1) near5 (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:47
S60	14	(input\$1) with (progress near bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/10 14:47
S61	21176	nokia.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:06

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S62	65	S61 and (text\$1 near input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:07
S63	0	S61 and (text\$1 near input\$4 near (form\$1 or space\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:07
S64	4	(verizon.as.) and (text\$1 near input\$4 near (form\$1 or space\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:08
S65	4	(verizon.as.) and (text\$1 near input\$4 near (form\$1 or space\$1 or display\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:09
S66	13	(nokia.as.) and (text\$1 near input\$4 near (form\$1 or space\$1 or display\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:10
S67	0	(nokia.as.) and (manual\$2 near text\$1 near (input\$4 or entry\$1 or enter\$3) near (form\$1 or space\$1 or display\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:10
S68	0	((cell\$4 or wireless) near (telephone\$1 or phone\$1)) and (manual\$2 near text\$1 near (input\$4 or entry\$1 or enter\$3) near (form\$1 or space\$1 or display\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:11
S69	15	((cell\$4 or wireless) near (telephone\$1 or phone\$1)) and (manual\$2 near text\$1 near (input\$4 or entry\$1 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:13
S70	0	S69 and feedback\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:12
S71	15	((cell\$4 or wireless) near (telephone\$1 or phone\$1)) and (manual\$2 near text\$1 near (input\$4 or entr\$3 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:13

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S72	62	(manual\$2 near text\$1 near (input\$4 or entr\$3 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:16
S73	. 15	S72 and buffer\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:17
S74	5	S72 and buffer\$3 and ((feed adj back\$1) or feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:18
S75	272	(graphical\$2 near ((feed adj back\$1) or feedback\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:19
S76	0	(graphical\$2 near ((feed adj back\$1) or feedback\$1)) near (bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:19
S77	60	(graphical\$2 near ((feed adj back\$1) or feedback\$1)) and (buffer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:22
S78	113	((graphical\$2 or icon\$6 or cursor\$1) near ((feed adj back\$1) or feedback\$1)) and (buffer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:27
S79	133	(715/772).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:27
S80	12	("5542088" "5550970" "5644334" "5805166" "5911779" "5986992" "6014141" "6023698" "6097390" "6100887" "6104397" "6338072").PN. OR ("6865717").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/15 11:42

S81	99	S79 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:11
S82	36	S81 and ((text\$7 or character\$1 or keyboard\$1) near5 (input\$4 or status\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:49
S83	40	S81 and ((text\$7 or character\$1 or keyboard\$1) near5 (input\$4 or status\$3 or progress\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:10
S84	24	("5301348" "5319384" "5420968" "5423039" "5448693" "5479602" "5519390" "5524195" "5544295" "5586237" "5596694" "5630081" "5655093" "5801692" "5801698" "5805166" "5898432" "5940078" "5953010").PN. OR ("6097390"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/15 11:57
S85	16982	(text near messag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:10
S86	9222	(text near messag\$3) and (pervasive or portable or mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:11
S87	3002	(text near messag\$3) and ((pervasive or portable or mobile) near device\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:11
S88	1363	S87 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:11
S89	0	S88 and (graphical\$2 near feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:12

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S90	0	S88 and (graphical\$2 near findicator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:12
S91	0	S88 and (iconic\$4 near findicator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 12:12
S92	. 11	form\$1 near field\$1 near progress\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:41
S93	18	form\$1 near field\$1 near limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:42
S94	9	form\$1 near field\$1 near (graphic\$1 or icon\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:41
S95	132	(form\$1 near field\$1) near5 limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:43
S96	72	(form\$1 near field\$1) near3 limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:42
S97	112	S95 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 15:18
S98	. 0	(textarea) near (restrict\$4 or limit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 15:19
S99	12	(textarea) near5 (restrict\$4 or limit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 15:19

S10 0	27140	(web or html) near form\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:18
S10 1	119	(web or html) near form\$1 near5 limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:19
S10 2	9	((web or html) near form\$1) near5 limit\$3 near5 input\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:20
S10 3	820	limit\$3 with text\$1 with input\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:21
S10 4	820	limit\$3 with (text\$1 with input\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:21
S10 5	204	limit\$3 with (text\$1 near input\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:21
S10 6	0	(limit\$3 with (text\$1 near input\$1)) same ((web or html) near5 form\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:22
S10 7	21	(limit\$3 with (text\$1 near input\$1)) and((web or html) near5 form\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 08:22
S10 8	18135	(form\$1 near field\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:42
S10 9	8	(form\$1 near field\$1) same (textarea)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:14

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S11 0	658	(form\$1 near field\$1) same (limit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:53
S11 1	29	(form\$1 near field\$1) same (limit\$3 with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:48
S11 2	11	S111 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:57
S11 3	. 9	S112 and (count\$3 or feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:51
S11 4	275	(form\$1 near field\$1) same (bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:53
S11 5	468	(form\$1 near field\$1) same (progress\$3 or status\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:53
S11 6	7	(form\$1 near field\$1) same ((progress\$3 or status\$2) with bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:55
S11 7	10	(form\$1 near (field\$1 or input\$4)) same ((progress\$3 or status\$2) with bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:56
S11 8	1548	(form\$1 near (field\$1 or input\$4)) same ((progress\$3 or status\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 11:59
S11 9	1007	S118 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:00

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S12 0	6298	((form\$1 near (field\$1 or input\$4)) or cursor\$1 or icon\$1 or avatar\$1) with ((progress\$3 or status\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:00
S12 1	936	(cursor\$1 or icon\$1 or avatar\$1) near (progress\$3 or status\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:01
S12 2	506	S121 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:01
S12 3	164	(cursor\$1) near (progress\$3 or status\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:02
S12 4	93	S123 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:05
S12 5	0	(cursor\$1) with ((text\$1 or character\$1) near (input\$4)) near (progress\$3 or status\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:02
S12 6	16	(cursor\$1) with ((text\$1 or character\$1) near (input\$4)) with (progress\$3 or status\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:04
S12 7	1609	(cursor\$1) with ((text\$1 or character\$1) near input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:04
S12 8	399	"I29" and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:15
S12 9	186	S128 and (progress\$3 or status\$2 or feedback\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:13

S13 0	39	S128 and ((progress\$3 or status\$2 or feedback\$3) with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:05
S13 1	0	S128 and (progress\$3 or status\$2 or feedback\$3) and (character\$1 near counter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:14
S13 2	160	(form\$1 near field\$1) and ((character\$1 or input\$4) near count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:15
S13 3	152	S132 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:16
S13 4	117	(form\$1 near field\$1) and ((character\$1 or input\$4) near (counter\$1 or counting))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:17
S13 5	152	S133 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:23
S13 6	0	(form\$1 near field\$1 near processing) and ((character\$1 or input\$4) near (counter\$1 or counting))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:17
S13 7	2	("5,060,980").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:17
S13 8	12	(pervasive near device\$1) same ((graphical adj user adj interfac\$3) or GUI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:25
S13 9	904	(status\$2 or progress) near (cursor\$1 or icon\$1 or avatar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:26

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S14 0	1096	(status\$2 or progress or feedback\$1) near (cursor\$1 or icon\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:26
S14 1	1	(input\$4 near (status\$2 or progress or feedback\$1)) near (cursor\$1 or icon\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:26
S14 2	26	(input\$4 near5 (status\$2 or progress or feedback\$1)) near (cursor\$1 or icon\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 12:27
S14 3	11331	sms and messag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:26
S14 4	8135	S143 and ((limit\$3 or count\$3) character\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:27
S14 5	425	((simple adj message) or sms) same (count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:28
S14 6	203	S145 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:29
S14 7	7338	(short adj message adj service)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:34
S14 8	3075	(short adj message adj service) and GSM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:29
S14 9	2781	S147 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:37

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S15 0	204	S149 and ((character\$1 or text\$1) with (input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:32
S15 1	58	S150 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:33
S15 2	57	S150 and (progress\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:33
S15 3	3	S149 and (count\$3 near (character\$1 or keystroke\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:35
S15 4	9	S147 and (count\$3 near (character\$1 or keystroke\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:36
S15 5	21	S147 and (count\$3 near3 (character\$1 or keystroke\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:37
S15 6	7	S155 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/25 15:37
S15 7	57	(graphic\$5 or visual\$5) near (text adj input\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:55
\$15 8	50	S157 and (indicat\$3 or progress\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:50
S15 9	10	S158 and (cell or mobile or portable or pervasive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:49

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S16 0	3	(progress or status) near (text adj input\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:56
S16 1	5	(progress or status) near (text adj (input\$5 or ent\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:58
S16 2	3	(progress or status) near (text adj (input\$5 or (entries or entrys)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:59
S16 3	19	(progress or status) near5 (text adj (input\$5 or (entries or entrys)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:03
S16 4	309	("simple message" or messag\$3 or buffer\$3) near5 (text adj (input\$5 or (entries or entrys)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:10
S16 5	167	S164 and (status\$3 or indicator\$1 or progress)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:10
S16 6	199	S164 and (status\$3 or indicator\$1 or progress or dynamic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:20
S16 7	18	S164 and ((position\$3 or status or progress) near (indicator\$1 or icon\$1 or bar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:13
S16 8	91	(dynamic\$4 near cursor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:20
S16 9	9	S168 and ((text\$1 or character\$1) near (input\$4 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 10:21

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S17 0	2	"20030046401"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:23
S17 1	36	(data adj entry adj field\$1) same maximum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:42
S17 2	11	S171 and @ad<="20010712"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:42
S17 3	604	(data adj entry adj field\$1) and maximum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:42
S17 4	333	S173 and @ad<="20010712"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:45
S17 5	333	S174 and (limit\$3 or maximum\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:43
S17 6	211	S174 and (count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:43
S17 7	4	S174 and (count\$3 near character\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:44
S17 8	93	(input near character\$1 near count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:51
S17 9	84	S178 and @ad<="20010712"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:45

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S18 0	50	(input near character\$1 near length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 11:51
S18 1	10	("2093142" "4143808" "4193071" "4484826" "4523294" "4755955" "4802104" "4923314" "5065358").PN. OR ("5396589"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 11:52
S18 2	705	(command adj pattern\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 13:33
S18 3	553	S182 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 13:34
S18 4	123	S183 and (progress or status)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 13:35
S18 5	18	S184 and (text\$4 near5 input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/30 13:36
S18 6	496	(memory adj2 writer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 10:58
S18 7	2	(memory adj2 writer) and (type adj writer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 10:59
S18 8	45	(memory adj2 writer) and ((international adj business adj machines) or IBM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:03
S18 9	5	S188 and @ad<="19900101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:02

S19 0	313	(typewriter\$1 near display\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:02
S19 1	180	S190 and @ad<="19900101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:02
S19 2	40	S191 and ((international adj business adj machines) or IBM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:04
S19 3	30	S192 and (buffer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OŖ	OFF	2005/09/02 11:04
S19 4	16	S193 and ((text\$1 or character\$1) near (input\$4 or enter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:05
S19 5	14	S194 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/02 11:05
S19 6	44542	(status\$2 or progress\$4) adj3 indicat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:35
S19 7	20981	(status\$2 or progress\$4) adj indicat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:34
S19 8	20981	(status\$2 or progress\$4) adj1 indicat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:34
S19 9	36196	(status\$2 or progress\$4) adj2 indicat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:34

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S20 0	2983	S196 and ((text\$1 or character\$1) near5 (input\$1 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:36
S20 1	54175	(status\$2 or progress\$4 or feedback\$1) adj3 indicat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:35
S20 2	3369	S201 and ((text\$1 or character\$1) near5 (input\$1 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:36
S20 3	580	S201 and ((text\$1 or character\$1) near5 (field\$1) near5 (input\$1 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:37
S20 4	483	S203 and (graphical\$2 or numerical\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:37
S20 5	123	S203 and ((graphical\$2 or numerical\$2) near5 display\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:40
S20 6	455	S203 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:40
S20 7	157	S206 and increment\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:41
\$20 8	149	S206 and increment\$3 and limit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:50
S20 9	2	("6104397").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/07 14:50

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S21 0	10	("4974173" "5301348" "5392207" "5452416" "5519828" "5630081" "5745713").PN. OR ("6104397").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/07 14:50
S21 1	11	("5500936" "5652714" "5664216" "5815153" "5841959" "5877764" "5896138" "5905496" "6104397" "6239800" "6326985").PN. OR ("6825861"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/07 14:56
S21 2	35	("4034353" "4200896" "4203103" "4333144" "4415974" "4623988" "4628470" "4638436" "4730262" "4899136" "4935870" "D295763").PN. OR ("5301348").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 11:01
S21 3	8	S212 and cursor\$1	US-PGPÚB; USPAT; USOCR	OR	OFF	2005/09/08 11:02
S21 4	3	S213 and ((text\$1 or character\$1) near (input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 11:02
S21 5	724	text\$1 near cursor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:09
S21 6	464	S215 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:17
S21 7	55	S216 and animat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:06
S21 8	3	(text\$1 near cursor\$1) with animat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:09
S21 9	3	S215 with animat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2005/09/15 13:09

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S22 0	3017	text\$1 near5 cursor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:09
S22 1	13	S220 with animat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:16
S22 2	2	("6104397").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2005/09/15 13:17
S22 3	142	(715/772).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:17
S22 4	72	S223 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:18
S22 5	63	S224 and (input\$4 or entr\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:18
S22 6	30	S224 and ((text\$1 or data) near5 (input\$4 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:19
S22 7	5	S226 and (pervasive or mobile or portable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:47
S22 8	80	(715/780).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:47
S22 9	33	(715/770).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:48

S23 0	0	("14and15").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:48
S23 1	0	S228 and S229	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:48
S23 2	242	(715/771).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:48
S23 3	2	S229 and S232	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 13:48
S23 4	248	(455/455).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:49
S23 5	83919	("370").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR _	OFF	2005/09/16 11:49
S23 6	0	(370/328*).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:49
S23 7	3991	(370/32\$).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:50
S23 8	2682	(370/349).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:50
S23 9	315	(370/496).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2005/09/16 11:50

S24 0	1415	(370/522).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:59
S24 1	2426	455/466	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:01
S24 2	10463	S237 S238 S239 S240 S241	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2005/09/16 12:01
S24 3	7285	S242 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S24 4	109	S243 and ((graphical adj user adj interfac\$3) or GUI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:03
S24 5	723	S243 and (sms or (short adj message adj servic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S24 6	18	S244 and S245	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:06
S24 7	610	S245 and (limit\$3 or abbreviat\$3 or shorten\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:07
S24 8	23	S245 and ((limit\$3 or abbreviat\$3 or shorten\$2) near5 (input\$4 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:13
S24 9	376	715/76\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:10

S25 0	187	715/77\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:10
S25 1	96	S249 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S25 2	34	S250 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S25 3	117	S251 or S252	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S25 4	0	S253 and (sms or (short adj message adj servic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S25 5	53	S253 and ((chat\$4 or messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:13
S25 6	8	S253 and ((limit\$3 or abbreviat\$3 or shorten\$2) near5 (input\$4 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:14
S25 7	19	(US-20030046401-\$ or US-20040207662-\$).did. or (US-4212077-\$ or US-4323315-\$ or US-4360806-\$ or US-4408302-\$ or US-4439838-\$ or US-4922448-\$ or US-5287538-\$ or US-5301348-\$ or US-5396589-\$ or US-6097390-\$ or US-6104397-\$ or US-6275987-\$ or US-6411315-\$ or US-6414697-\$ or US-6825861-\$ or US-6865717-\$ or US-6941522-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/09/26 11:57
S25 8	6	S257 and cursor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:13

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S25 9	1	S257 and mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:14
S26 0	. 4	S257 and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:40
S26 1	990	(715/530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:40
S26 2	899	(715/531).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:40
S26 3	142	(715/772).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:40
S26 4	1929	S261 or S262 or S263	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:40
S26 5	1625	S264 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:48
S26 6	478	S265 and (cursor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:48
S26 7	12	S265 and (cursor\$1) and (text adj only)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 12:48
S26 8	18068	(texas adj instruments).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 12:04

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S26 9	10015	S268 and (display\$1 or feeback\$1 or indicator\$1 or indicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 12:05
S27 0	53	S269 and (text\$1 with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 12:06
S27 1	254	(feedback\$1 or altert\$3 or warn\$3) with (text\$1 with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 12:07
S27 2	8	(graphical\$4) with ((feedback\$1 or altert\$3 or warn\$3) with (text\$1 with input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 12:07
S27 3	19	("5706450" "5818437" "5847697" "5911485" "5952942" "5953541" "6005495" "6011554").PN. OR ("6204848"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 12:11
S27 4	124	motorola.as. and sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:26
S27 5	130	(motorola.as. and (sms or (simple adj messag\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:27
S27 6	82	(motorola.as. and (sms or (simple adj messag\$3))) and interfac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:27
S27 7	17	(motorola.as. and (sms or (simple adj messag\$3))) and interfac\$3 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:29
S27 8	14	(samsung.as. and (sms or (simple adj messag\$3))) and interfac\$3 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/03/02 13:31

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S27 9	. 1	(samsung.as. and (sms or (simple adj messag\$3))) and interfac\$3 and count\$3 and bar\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/03/02 13:32
S28 0	9	(verizon.as. and (sms or (simple adj messag\$3))) and interfac\$3 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:33
S28 1	112	(nokia.as. and (sms or (simple adj messag\$3))) and interfac\$3 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:48
S28 2	55	(nokia.as. and (sms or (simple adj messag\$3))) and interfac\$3 and (counter or counting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/03/02 13:56
S28 3	3	(("6,345,278") or ("6,460,042")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:47
S28 4	2305	summariz\$3 with (document\$1 or publication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:50
S28 5	60	summariz\$3 with (document\$1 or publication\$1) with (keyword\$1 or (key adj word\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:50
S28 6	23	S285 and @ad<="20001026"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 15:03
S28 7	2	("6345278").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 15:03
S28 8	280	(455/556.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:00

S28 9	53	S288 and count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:01
S29 0	18	S288 and count\$3 and bar\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:03
S29 1	12	S288 and count\$3 and (sms or (text with messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:10
S29 2	2	S291 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:04
S29 3	64	S288 and (sms or (text with messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:14
S29 4	3	S288 and ((sms or (text with messag\$3)) with (character\$1 or letter\$1 or keystroke\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:13
S29 5	2045	(455/414.\$).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:14
S29 6	760	S295 and (sms or (text with messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:14
S29 7	70	S295 and ((sms or (text with messag\$3)) with (indicator\$1 or progress or icon\$1 or bar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:16
S29 8	14	S297 and (counter\$1 or counting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 10:17

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S29 9	3255	(455/466,566).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/03/06 09:36
S30 0	1637	(455/466).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:36
S30 1	1731	(455/566).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:36
S30 2	113	S300 and S301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:36
S30 3	55	S302 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:37
S30 4	4	S303 and (counter or counting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:41
S30 5		S303 and (progress\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:42
S30 6	11731	(character\$1 or letter\$1 or alphanumeric\$1) with (counter\$1 or counting\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:43
S30 7		S306 and (sms or (short adj messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:45
S30 8	59	S307 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:45

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S30 9	35	S306 and (sms or (short adj messag\$3) adj service\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:45
S31 0	12	S309 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:45
S31 1	19987	(345/1\$2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:40
S31 2	13587	S311 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:41
S31 3	244	S312 and (text\$1 with messag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:41
S31 4	1078	S312 and ((text\$1 with messag\$3) and counter\$1 or counting\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:41
S31 5	62	S312 and ((text\$1 with messag\$3) and (counter\$1 or counting\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:42
S31 6	5	S315 and disambiguat\$ 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:42
S31 7	57	S315 not S316	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:43
S31 8	55	S317 and (indicat\$4 or progress\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:44

S31 9	18	S317 and (counter\$1 or counting\$1) with (input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 11:50
S32 0	8	(counting with input with character\$1) and (text with messag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:17
S32 1	13453	UMTS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:17
S32 2	7676	UMTS and GSM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:23
S32 3	13453	UMTS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:18
S32 4	24322	("715").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:18
S32 5	86	S323 and S324	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:23
S32 6	10573	(715/7??).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:23
S32 7	35	S326 and (UMTS and GSM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:23
S32 8	21	S326 and (UMTS and SMS)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:24

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S32 9	20	S326 and (UMTS and SMS and interface\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:26
S33 0		("20010032240" "20020138731" "20030056100" "6574657" "6795919").PN. OR ("6948130"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/06 12:25
S33 1	, 66	((UMTS and SMS) with interface\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:27
S33 2	44521	available near3 memor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:48
S33 3	35526	available near2 memor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:48
S33 4	678	(visual\$2 or graphic\$4) with S332	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:49
S33 5	13	editor with S333	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:49
S33 6	24400	("715").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:49
S33 7	24400	"715"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:50
\$33 8	921	S332 and S336	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:50

S33 9	38	S334 and S338	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:51
S34 0	51	editor with (scroll\$3 adj bar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:46
S34 1	47	S340 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:19
S34 2	0	("715,833,786,787").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:56
S34 3	235	(715/833,786,787).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:56
S34 4	203	S343 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:45
S34 5	14	S344 and ((textual or alphanumeric) with (input\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:57
S34 6	6	("5339391" "5506951" "5867678" "5874961" "5903267" "5973663").PN. OR ("6473104"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 10:02
S34 7	2	("5,301,348").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:22
S34 8	2	("6,097,390").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:22

				,		
S34 9	0	("715.530,531,772,861,833").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:45
S35 0	2233	(715/530,531,772,861,833).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:45
S35 1	1816	S350 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:45
S35 2	2	S351 and (editor with (scroll\$3 adj bar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:46
S35 3	2	("4812832").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 10:15
S35 4	18	("3648249" "4445194" "4497589" "4624587").PN. OR ("4812832"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:18
S35 5	198	(electronic\$4 near typewrit\$3) with (display\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:19
S35 6	38	S355 and (eol or "end of line" or (end adj2 line))	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/09/12 10:20
S35 7	26	S356 and cursor\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:20
S35 8	20	S357 and count\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:20
S35 9	2157	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and alcatel.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:35

S36 0	14	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and audiovox.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/09/13 09:36
S36 1	4	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and benefon.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:36
S36 2	134	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and acer.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:36
S36 3	54	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and panasonic.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:36
S36 4	4831	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and philips.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37
S36 5	4027	sagem	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37
S36 6	716	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and sagem.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37
S36 7	11982	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and samsung.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37
S36 8	4736	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and kyocera.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37
\$36 9	7941	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and lg.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:37

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S37 0	6679	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and motorola.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:38
S37 1	20883	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and nec.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:38
S37 2	12762	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and nokia.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:38
S37 3	5,722	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and sanyo.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:38
S37 4	5256	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and siemens.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:38
S37 5	1600	((cell or mobile or portable) near3 (phone\$1 or terminal\$1 or device\$1 or telephone\$1)) and (sony.as. and ericsson.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:39
S37 6	88276	S359 S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:39
S37 7	45008	S376 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:40
S37 8	873	S377 and ((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:55
S37 9	297	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (user adj interfac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:41

\$38 0	150	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (user adj interfac\$3) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:43
S38 1	47	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (user adj interfac\$3) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1) and (count\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:44
S38 2	0	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (user adj interfac\$3) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1) and (character\$1 with count\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:44
S38 3	150	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (user adj interfac\$3) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:50
S38 4	77	S383 and (character\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:44
S38 5	94	S383 and (character\$1 or letter\$1 or alphanumeric\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:46
S38 6	49	S383 and "160"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:47
S38 7	1	S386 and (string\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:48
S38 8	8	S383 and (message with full)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:49

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S38 9	153	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and ((user adj interfac\$3) or UI) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:51
S39 0	52	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and ((user adj interfac\$3) or UI) and (visual\$2 or graphical\$2 or icon\$5 or avatar\$1) and full)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:52
S39 1	23	S390 not nokia.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:54
S39 2	4	S391 and buffer\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:54
S39 3	16	S377 and (((simple adj messag\$3) or (sms) or (text\$1 adj messag\$3)) and (buffer\$3 with (full or fill\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:12
S39 4	2	("5365552").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:13
S39 5	0	S394 and bar\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:22
S39 6	3	("4112423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:22
S39 7	13797	(input\$1 or field\$1 or form\$1) near (indicator\$1 or icon\$1 or avatar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:39
S39 8	20	((input\$1 or form\$1) with field\$1) near (indicator\$1 or icon\$1 or avatar\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:40

S39 9	29	((input\$1 or form\$1) with field\$1) near (indicator\$1 or icon\$1 or avatar\$1 or feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:42
S40 0	17	((form\$1) with field\$1) near (indicator\$1 or icon\$1 or avatar\$1 or feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:42
S40 1	23	((input\$4 or entr\$3) with field\$1) near (indicator\$1 or icon\$1 or avatar\$1 or feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:43
S40 2	15	((input\$4 or entr\$3) with field\$1) near (indicator\$1 or icon\$1 or avatar\$1 or ((visual\$2 or audio\$1 or aural\$1) with feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:44
S40 3	2223	((input\$4 or entr\$3) with field\$1) with (indicator\$1 or icon\$1 or avatar\$1 or ((visual\$2 or audio\$1 or aural\$1) with feedback))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:44
S40 4	732	((input\$4 or entr\$3) with field\$1) with (indicator\$1 or icon\$1 or avatar\$1 or ((visual\$2 or audio\$1 or aural\$1) with feedback)) and (html or web or www or xhtml or wap or wml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:47
S40 5	261	S404 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/09/15 11:48
S40 6	21	S405 and ((count\$3 or remain\$3) with (input\$1 or character\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:47
S40 7	1885	((input\$4 or entr\$3) with field\$1) with (indicator\$1 or measure\$1 or graphic\$1 or bar\$1 or cursor\$1 or ((visual\$2 or audio\$1 or aural\$1) with feedback)) and (html or web or www or xhtml or wap or wml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2006/09/15 11:47

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S40 8	575	S407 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:53
S40 9	21	S408 and (textarea\$1 or (text adj area\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:52
S41 0	51749	((text\$1 or character\$1) with (entr\$3 or input\$4 or typ\$3)) and (count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:54
S41 1	32011	S410 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:53
S41 2	16022	(((text\$1 or character\$1) with (entr\$3 or input\$4 or typ\$3)) same (form\$1 or field\$1)) and (count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:55
S41 3	9831	(((text\$1 or character\$1) with (entr\$3 or input\$4 or typ\$3)) with (form\$1 or field\$1)) and (count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:56
S41 4	2509	(((text\$1 or character\$1) with (entr\$3 or input\$4 or typ\$3)) with (form\$1 or field\$1)) and (count\$3) and (html or xhtml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:56
S41 5	1003	(((text\$1 or character\$1) with (entr\$3 or input\$4 or typ\$3)) with (form\$1 or field\$1)) same (html or xhtml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:57
S41 6	26631	("715").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:57
S41 7	281	S415 and S416	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:58

S41 8	164	S417 and (count\$3 or track\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:59
S41 9	108	S417 and (count\$3 or (keep\$3 near track\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:07
S42 0	3	S419 and ((visual\$2 or graphical\$2) with (feedback\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:02
S42 1	1076	S416 and ((visual\$2 or graphical\$2) with (feedback\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:02
S42 2	269	S416 and ((input\$4 or enter\$3 or entr\$3) with ((visual\$2 or graphical\$2) with (feedback\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:03
S42 3	101	S422 and (count\$3 or (keep\$3 near track\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:35
S42 4	2	("5230062").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:37
S42 5	2	("5450538").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:38
S42 6	2	("6341359").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:39
S42 7	. 43	S423 and (data adj (entr\$3 or input\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:40

S42 8	126	(715/508).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:41
S42 9	. 10	S428 and (feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:42
S43 0	0	(bargraph\$3 or (bar adj graph\$3)) adj metaphor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:42
S43 1	0	(bargraph\$3 or (bar adj graph\$3)) adj avatar\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:42
S43 2	17	(bargraph\$3 or (bar adj graph\$3)) adj icon\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:46
S43 3	6	(bargraph\$3 or (bar adj graph\$3)) adj cursor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:48
S43 4	8	(bargraph\$3 or (bar adj graph\$3)) near interactive\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:50
S43 5	35	(bargraph\$3 or (bar adj graph\$3)) near dynamic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:52
S43 6	95	(bargraph\$3 or (bar adj graph\$3)) near chang\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:58
S43 7	48	(bargraph\$3 or (bar adj graph\$3)) near count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:58

S43 8	221	(bargraph\$3 or (bar adj graph\$3)) near3 count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 12:59
S43 9	87	((text\$1 or character\$1) with (input\$4 or ent\$5)) near count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:13
S44 0	35	(345/18).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:12
S44 1	0	S440 and (((text\$1 or character\$1) with (input\$4 or ent\$5)) near count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:14
S44 2	1246	(graphical\$2 near5 feedback\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:13
S44 3	. 0	S442 and (((text\$1 or character\$1) with (input\$4 or ent\$5)) near count\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:14
S44 4	294	S442 and (((text\$1 or character\$1) with (input\$4 or ent\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:26
S44 5	9920	(human adj computer adj interfac\$3) or hci	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:26
S44 6	970	S445 and (phone\$1 or telephone\$1 or pervasive or pda)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:27
S44 7	198	S445 and ((phone\$1 or telephone\$1 or pervasive or pda) with (input\$4 or ent\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:38

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S44 8	2	("6052514").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:40
S44 9	1920589	(available or remain\$3) near (text\$1 or character\$1 or line\$1 or word\$1 or space\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:41
S45 0	1778	(count\$3) with ((available or remain\$3) near (text\$1 or character\$1 or line\$1 or word\$1 or space\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:42
S45 1	287	((count\$3) with ((available or remain\$3) near (text\$1 or character\$1 or line\$1 or word\$1 or space\$1))) and ((visual\$2 or graphic\$4) with (display\$3 or present\$3 or indicat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:44
S45 2	214	S451 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:44
S45 3	2	("5,301,348").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:22
S45 4	36	("4034353" "4200896" "4203103" "4333144" "4415974" "4623988" "4628470" "4638436" "4730262" "4899136" "4935870" "D295763").PN. OR ("5301348").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:26
S45 5	15119	S454 an dbar\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:26
S45 6	1315829	S454 an bar\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:26
S45 7	22	S454 and bar\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:27
S45 8	25	S454 and (character\$1 or letter\$1 or text\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:28

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S45 9	28	("5226120" "5261044" "5284494" "5295244" "5301348" "5394522" "5483631" "5521913" "5548722" "5606664" "5627964" "5627978" "5657461" "5751965" "5768614" "5793845" "5819042").PN. OR ("6100887").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:36
S46 0	4	S458 and (text\$1 with entr\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:44
S46 1	10	("4974173" "5301348" "5392207" "5452416" "5519828" "5630081" "5745713").PN. OR ("6104397").URPN.	US-PGPUB; USPAT; USOCR	OR ,	OFF	2006/09/15 14:38
S46 2	12	("5542088" "5550970" "5644334" "5805166" "5911779" "5986992" "6014141" "6023698" "6097390" "6100887" "6104397" "6338072").PN. OR ("6865717").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:47
S46 3	0	S462 and (text\$1 with entr\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:44
S46 4	9395	gsm and umts	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:52
S46 5	47	(textarea or (text adj area)) with count\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:59
S46 6	22	S465 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:01
S46 7	50419	pager\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:59

S46 8	4375	pager\$1 and ((text\$1 or character\$1) near5 (input\$1 or enter\$3 or entr\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:00
S46 9	107	pager\$1 and ((text\$1 or character\$1) near5 (input\$1 or enter\$3 or entr\$3)) and (multi adj line\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:00
S47 · 0	62	S469 and @ad<="20010719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:03
S47 1	290261	S470 and counter\$1 or counting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:03
S47 2	30	S470 and (counter\$1 or counting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 16:03
S47 3	2	("6,097,390").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 11:12
S47 4	15	(US-20040088715-\$ or US-20050071753-\$).did. or (US-5396589-\$ or US-4974173-\$ or US-6275987-\$ or US-6948130-\$ or US-6496870-\$ or US-6473104-\$ or US-6865717-\$ or US-6100887-\$ or US-5230062-\$ or US-5890164-\$ or US-6204848-\$ or US-6104397-\$ or US-5805166-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/09/16 11:50
S47 5	5	S474 and color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 11:51
S47 6	5	S474 and flash\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 11:52

		LAST Scare	-			
S47 7	2	S474 and (flash\$3 or blink\$3) and color\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 11:52
S47 8	2415	(715/530,531,772,861,833).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 12:21
S47 9	1877	S478 and @ad<="20020719"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 12:21
S48 0	44	S479 and ((text adj messag\$3) or sms)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 12:21
S48 1	180	S479 and ((text adj (enter\$3 or entr\$3 or messag\$3)) or sms)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/16 12:22
S48 2	673911	(text\$1 or textual or character\$1 or letter\$1 or symbol\$1 or ideogra\$3 or pictogra\$3 or emoticon\$1 or smiley\$1 or punctuation\$1 or period\$1 or exclamation\$1 or ascii) with (input\$4 or entr\$3 or typ\$3 or enter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:25
S48 3	100604	(text\$1 or textual or character\$1 or letter\$1 or symbol\$1 or ideogra\$3 or pictogra\$3 or emoticon\$1 or smiley\$1 or punctuation\$1 or period\$1 or exclamation\$1 or ascii) with (input\$4 or entr\$3 or typ\$3 or enter\$3) with (indicator\$1 or graphic\$1 or symbol\$1 or emoticon\$1 or bar\$1 or bargraph\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:26
S48 4	3667	(text\$1 or textual or character\$1 or letter\$1 or symbol\$1 or ideogra\$3 or pictogra\$3 or emoticon\$1 or smiley\$1 or punctuation\$1 or period\$1 or exclamation\$1 or ascii) with (input\$4 or entr\$3 or typ\$3 or enter\$3) with ((length) with (indicator\$1 or graphic\$1 or symbol\$1 or emoticon\$1 or bar\$1 or bargraph\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:30

S48 5	2349	S484 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:31
S48 6	9767	(text\$1 or textual or character\$1 or letter\$1 or symbol\$1 or ideogra\$3 or pictogra\$3 or emoticon\$1 or smiley\$1 or punctuation\$1 or period\$1 or exclamation\$1 or ascii) with (input\$4 or entr\$3 or typ\$3 or enter\$3) with ((position\$3) with (indicator\$1 or graphic\$1 or symbol\$1 or emoticon\$1 or bar\$1 or bargraph\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR '	OFF	2007/02/23 14:31
S48 7	5089	S486 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:38
S48 8	14605	(input\$4 near text\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:37
S48 9	102	(input\$4 near text\$1) near (count\$4 or indicat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:37
S49 0	56	S489 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/23 14:38
S49 1	800	((graphical\$2 with indicator\$1) and counter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 11:48

\$49 2	447	((graphical\$2 with indicator\$1) and counter\$1 and (increment\$5 or decrement\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 11:48
S49 3	155	((graphical\$2 with indicator\$1) and counter\$1 and (increment\$5 or decrement\$5)) and ((text\$1 or character\$1 or ideogra\$6) with (input\$4 or enter\$3 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF.	2007/02/26 11:51
S49 4	154	((graphical\$2 with indicator\$1) and counter\$1 and (increment\$5 or decrement\$5)) and ((text\$1 or character\$1 or ideogra\$6) with (input\$4 or enter\$3 or entr\$3)) and (limit\$3 or maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 11:52
S49 5	98	((graphical\$2 with indicator\$1) and counter\$1 and (increment\$5 or decrement\$5)) and ((text\$1 or character\$1 or ideogra\$6) with (input\$4 or enter\$3 or entr\$3)) and (maximum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:01
S49 6	61	((graphical\$2 with indicator\$1) and counter\$1 and (increment\$5 or decrement\$5)) and ((text\$1 or character\$1 or ideogra\$6) with (input\$4 or enter\$3 or entr\$3)) and (maximum) and (bar\$1 or bargraph\$1 or (bar\$1 adj graph\$1) or (hour adj glass\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 11:56
S49 7	37	S496 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:05
S49 8	9	(text\$1 adj messag\$3) same (graphical\$2 adj indicator\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:06

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S49 9	2	S498 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:06
S50 0	113	(text\$1 adj messag\$3) and ((graphical\$2 or icon\$1 or sprite\$1) adj indicator\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:06
S50 1	33	S500 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 12:06
S50 2	24334	(text\$1 adj messag\$3) or (simple adj message)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:03
S50 3	33780	(text\$1 adj messag\$3) or (simple adj message) or (instant adj messag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:05
S50 4	13039	S503 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:05
\$50 5	1410	(simple adj message)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:10

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S50 6	951	\$505 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:11
S50 7	433	S506 and remaining	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:06
\$50 8	4	S506 and (remaining near3 character\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:07
\$50 9	24	(simple adj message adj service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:10
S51 0	3	S509 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:14
S51 1	144	symbian.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:14
S51 2	24	S511 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:16

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S51 3	5074	(message adj input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2007/02/27 13:15
S51 4	97	(message adj input) and (count\$3 near3 character\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:16
S51 5	273	((message or text) adj input) and (count\$3 near3 character\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	· OFF	2007/02/27 13:16
S51 6	185	S515 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:22
S51 7	185	S516 and (count\$3 or remain\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:17
S51 8	185	S516 and (count\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:17
S51 9	121	S516 and (counter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/02/27 13:21

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S52 0	12	S516 and (counter\$1 with indicator\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:21
S52 1	6134	((graphical or visual\$5) with counter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:22
S52 2	2085	((graphical or visual\$5) with display\$3 with counter\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:22
S52 3	1506	S522 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:26
S52 4	478	S523 and (count\$3 near3 (up or down))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:26
S52 5	478	S524 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:41
S52 6	40710	((text\$1 or character\$1 or letter\$1 or ascii) near5 (input\$4 or enter\$3 or entr\$3)) and (((horizontal or vertical with bar\$1) or (bar adj graph\$1) or graphic\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:38

S52 7	29873	((text\$1 or character\$1 or letter\$1 or ascii) near5 (input\$4 or enter\$3 or entr\$3)) and ((((horizontal or vertical) with bar\$1) or (bar adj graph\$1) or graphic\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:39
S52 8	30119	((text\$1 or character\$1 or letter\$1 or ascii) near5 (input\$4 or enter\$3 or entr\$3)) and ((((horizontal or vertical) with bar\$1) or ((bar or pie) adj (chart\$1 or graph\$1)) or graphic\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:40
S52 9	5110	((text\$1 or character\$1 or letter\$1 or ascii) near5 (input\$4 or enter\$3 or entr\$3)) with ((((horizontal or vertical) with bar\$1) or ((bar or pie) adj (chart\$1 or graph\$1)) or graphic\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:40
S53 0	2504	((text\$1 or character\$1 or letter\$1 or ascii) near5 (input\$4 or enter\$3 or entr\$3)) near ((((horizontal or vertical) with bar\$1) or ((bar or pie) adj (chart\$1 or graph\$1)) or graphic\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:40
S53 1	1922	S530 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:08
S53 2	28711	("715").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:43
S53 3	. 201	S531 and S532	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:46

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\$53 ⁴	123	S533 and (histogram\$1 or bar\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:48
S53 5	4	S533 and ((histogram\$1 or bar\$1) with count\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 13:47
S53 6	13555	(709/203-206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF.	2007/02/27 13:48
S53 7	32	S531 and S536	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:07
S53 8	2335	(progress adj2 (bar\$1 or indicator\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:07
S53 9	1132	S538 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:59
S54 0	3	S530 and S539	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:10

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S54	45	compudigm.as.	US-PGPUB;	OR	OFF	2007/02/27 14:11
1		· :	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S54 2	0	compudigm.as. and (progress adj bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:58
S54 3	24370	messag\$3 with length\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:58
S54 4	424	(messag\$3 near length\$1) with count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:58
S54 5	313	S544 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 15:00
S54 6	291	S545 and indicat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 15:00
S54 7	2680	block\$1 adj counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 15:00

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S54 8	1855	S547 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:32
S54 9	122	cursor\$1 near counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 15:03
S55 0	2	("6097390").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:34
S55 1	2	("5805166").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:37
S55 2	2	("5301348").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:37
S55 3	0	(indicat\$4 same remain\$3 same capacity same maxim\$2) same ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) same (form\$1 or field\$1)	US-PGPUB	OR	OFF	2007/02/27 16:45
S55 4	6	(indicat\$4 and remain\$3 and capacity and maxim\$2) same ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) same (form\$1 or field\$1)	US-PGPUB	OR	OFF	2007/02/27 16:46
\$55 5	21217	(indicat\$4 and remain\$3 and capacity and maxim\$2) and ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) and (form\$1 or field\$1)	US-PGPUB	OR	OFF	2007/02/27 16:46

S55 6	272	(indicat\$4 with remain\$3 with capacity) and ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) and (form\$1 or field\$1)	US-PGPUB	OR	OFF	2007/02/27 16:48
S55 7	53	S556 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/02/27 16:48
S55 8	251	(indicat\$4 with remain\$3 with capacity) and ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) and (field\$1)	US-PGPUB	OR	OFF	2007/02/27 16:50
S55 9	50	S558 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/02/27 16:50
S56 0	869	(715/530,531,772,861,833).CCLS.	US-PGPUB	OR	OFF	2007/02/27 16:50
S56 1	304	S560 and @ad<="20020719"	US-PGPUB	OR	OFF	2007/02/27 16:50
S56 2	1	S561 and ((indicat\$4 with remain\$3 with capacity) and ((data or text or character) with (enter\$3 or input\$4 or entr\$3)) and (field\$1))	US-PGPUB	OR	OFF	2007/02/27 16:50
S56 3	2291	(visual\$2 with feedback\$1) and ((text\$1 or character\$1) with (enter\$3 or input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:39
S56 4	1192	S563 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:40
\$56 5	358	(visual\$2 with feedback\$1) same ((text\$1 or character\$1) with (enter\$3 or input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:41
S56 6	157	S565 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:42

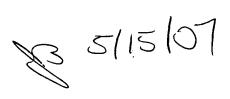
S56 7	267	(visual\$2 with feedback\$1) same ((text\$1 or character\$1) near3 (enter\$3 or input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:11
S56 8	108	S567 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:51
S56 9	4916	(progress\$4 near (bar\$1 or line\$1 or graph\$1 or chart\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:50
S57 0	82	((progress\$4 near (bar\$1 or line\$1 or graph\$1 or chart\$1))) same ((data or content or text or character or symbol) near3 (input\$4 or entr\$3 or enter\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:51
S57 1	32	S570 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:56
S57 2	12	S571 and visual\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:54
S57 3	516	(text\$5 near feedback\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:54

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S57	48	(text\$5 near (visual\$5 near feedback\$1))	US-PGPUB; USPAT;	OR	OFF	2007/02/28 09:56
		reeuback#1/)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		=	
S57 5	21	S574 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:57
S57 6	70	((input\$4 or entr\$3 or enter\$3) near (visual\$5 near feedback\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/02/28 09:57
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S57 8	119831	("455").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:07
S57 9	106318	("379").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:08
S58 0	5499	S578 and S579	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:08

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S58 1	36238	S578 and ((radio adj telephone\$1) or ((cell\$4 or mobile or portable) adj (phone\$1 or telephone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:10
S58 2	9796	S579 and ((radio adj telephone\$1) or ((cell\$4 or mobile or portable) adj (phone\$1 or telephone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:10
S58 3	36238	S578 and ((radio adj telephone\$1) or ((cell\$4 or mobile or portable) adj (phone\$1 or telephone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:10
S58 4	978	S582 and ((text\$1 or character\$1) near3 (enter\$3 or input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:11
\$58 5	2146	S583 and ((text\$1 or character\$1) near3 (enter\$3 or input\$4 or entr\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:11
S58 6	2892	S584 S585	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:11
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S58 8	392	S586 and ((visual\$5 or graphic\$4) with (feedback\$1 or indicat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:12
S58 9	179	S588 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:19
S59 0	2063	(455/566).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:19
S59 1	1259	S590 and @ad<="20020719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:20
S59 2	76	S591 and feedback\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:20
S59 3	16	S591 and ((visual\$5 or graphic\$5) with feedback\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 10:21



10/617,504 1

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Graphic invention for user interfaces: an experimental course in user-interface design Bill Verplank, Scott Kim



January 1987 ACM SIGCHI Bulletin, Volume 18 Issue 3

Publisher: ACM Press

Full text available: pdf(1.13 MB)

Additional Information: full citation, abstract, references, citings, index terms

This Spring quarter at Stanford, we put together an experimental course on user-interface design. We were quite pleased with the results and would like to share some of our ideas and experiences.

Noncommand user interfaces



Jakob Nielsen

April 1993 Communications of the ACM, Volume 36 Issue 4

Publisher: ACM Press

Full text available: pdf(6.81 MB)

Additional Information: full citation, references, citings, index terms

Human-computer interface development: concepts and systems for its management



H. Rex Hartson, Deborah Hix

March 1989 ACM Computing Surveys (CSUR), Volume 21 Issue 1

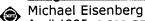
Publisher: ACM Press

Full text available: pdf(7.97 MB)

Additional Information: full citation, abstract, references, citings, index terms, review

Human-computer interface management, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. Dialogue independence is th ...

Programmable applications: interpreter meets interface



April 1995 ACM SIGCHI Bulletin, Volume 27 Issue 2

Publisher: ACM Press

Full text available: pdf(4.42 MB) Additional Information: full citation, abstract, citings, index terms

Current fashion in "user-friendly" software design tends to place an over-reliance on direct manipulation interfaces. To be truly expressive (and thus truly user-friendly), applications need both learnable interfaces and domain-enriched languages that are accessible to the user. This paper discusses some of the design issues that arise in the creation of such *programmable applications*. As an example, we present "SchemePaint," a graphics application that combines a MacPaint-like interface ...

⁵ Mindstorms: children, computers, and powerful ideas

Seymour Papert January 1980 Book

Publisher: Basic Books, Inc.

Full text available: pdf(12.45 MB) Additional Information: full citation, abstract, cited by, index terms

The Gears of My Childhood

Before I was two years old I had developed an intense involvement with automobiles. The names of car parts made up a very substantial portion of my vocabulary: I was particularly proud of knowing about the parts of the transmission system, the gearbox, and most especially the differential. It was, of course, many years later before I understood how gears work; but once I did, playing with gears became a favorite pastime. I loved rotating circular object ...

6 New paradigms for using computers

🊁 Ted Selker

August 1996 Communications of the ACM, Volume 39 Issue 8

Publisher: ACM Press

Full text available: pdf(532.80 KB)

Additional Information: full citation, references, citings, index terms, review

7 Chiron-1: a software architecture for user interface development, maintenance, and

run-time support

Richard N. Taylor, Kari A. Nies, Gregory Alan Bolcer, Craig A. MacFarlane, Kenneth M. Anderson, Gregory F. Johnson

June 1995 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 2 Issue 2

Publisher: ACM Press

Full text available: pdf(2.65 MB)

Additional Information: full citation, abstract, references, citings, index terms, review

The Chiron-1 user interface system demonstrates key techniques that enable a strict separation of an application from its user interface. These techniques include separating the control-flow aspects of the application and user interface: they are concurrent and may contain many threads. Chiron also separates windowing and look-and-feel issues from dialogue and abstract presentation decisions via mechanisms employing a client-server architecture. To separate application code from user interf ...

Keywords: artists, client-server, concurrency, event-based integration, user interface architectures

8 Integrating communication, cooperation, and awareness: the DIVA virtual office

environment

Markus Sohlenkamp, Greg Chwelos

October 1994 Proceedings of the 1994 ACM conference on Computer supported cooperative work CSCW '94

Publisher: ACM Press

Full text available: R pdf(1.60 MB)

Additional Information: full citation, abstract, references, citings, index terms

DIVA, a novel environment for group work, is presented. This prototype virtual office environment provides support for communication, cooperation, and awareness in both the synchronous and asynchronous modes, smoothly integrated into a simple and intuitive interface which may be viewed as a replacement for the standard graphical user interface desktop. In order to utilize the skills that people have acquired through years of shared work in real offices, DIVA is modeled after the standard of \dots

Keywords: CSCW, awareness, groupware, integration, synchronous/asynchronous, virtual office

9 Working out usability: Model-based heuristic evaluation of hypermedia usability



Franca Garzotto, Maristella Matera, Paolo Paolini

May 1998 Proceedings of the working conference on Advanced visual interfaces AVI '98

Publisher: ACM Press

Full text available: pdf(1.58 MB)

Additional Information: full citation, abstract, references

This paper presents a systematic approach to the heuristic evaluation of hypermedia that specifically addresses the peculiar features of this class of systems. We propose a set of hypermedia-specific usability attributes and define general "patterns of evaluation activities" called abstract tasks that can be performed by usability experts to check such attributes systematically. The usage of abstract tasks makes application inspection more effective, since it guides the work of evaluators ...

Keywords: heuristic evaluation, hypermedia evaluation, hypermedia modeling, usability

10 The future of integrated design of ubiquitous computing in combined real & virtual



worlds

Daniel M. Russell, Mark Weiser

April 1998 CHI 98 conference summary on Human factors in computing systems CHI

Publisher: ACM Press

Full text available: The pdf(273.30 KB) Additional Information: full citation, references, index terms

Keywords: real worlds, ubiquitous computing, virtual worlds

11 A comparison of still, animated, or nonillustrated on-line help with written or spoken



instructions in a graphical user interface

Susan M. Harrison

May 1995 Proceedings of the SIGCHI conference on Human factors in computing systems CHI '95

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: html(39.19 KB) Additional Information: full citation, references, citings, index terms

12 Other impairments and rehabilitation technologies: Open syntax: improving access



for all users

Robert J. K. Jacob May 2001 Proceedings of the 2001 EC/NSF workshop on Universal accessibility of ubiquitous computing: providing for the elderly WUAUC'01

Publisher: ACM Press

Full text available: Top pdf(688.88 KB) Additional Information: full citation, abstract, references, index terms

Trends in new multi-modal user interfaces and pervasive mobile computing are raising technical problems for building flexible interfaces that can adapt to different communication modes. I hope to show how some aspects of the technical solutions that will be needed for these problems will also help to solve problems of access for elderly users.

Keywords: dialogue independence, multi-modal interaction, semantics, syntax, universal access, user interface management system

13 Some effects of considerate and inconsiderate systems



Ronald E. Anderson

January 1981 ACM SIGSOC Bulletin, Volume 12 Issue 2-3

Publisher: ACM Press

Full text available: Topdf(413.29 KB) Additional Information: full citation, abstract, references

Concern for the human factors in computer systems continues to grow as computerization becomes more and more pervasive. In the early period of computing such concern was expressed in terms of "user orientation" and "user requirements." As interactive systems evolved it became more common to hear terms like "responsive systems," and "end-user requirements." In the early Seventies, when the computer profession experienced a wave of social responsibility, discussions emerged on "humanizing" systems ...

mediaBlocks: physical containers, transports, and controls for online media



Brygg Ullmer, Hiroshi Ishii, Dylan Glas

July 1998 Proceedings of the 25th annual conference on Computer graphics and interactive techniques SIGGRAPH '98

Publisher: ACM Press

Full text available: 🛱 pdf(302.49 KB) Additional Information: full citation, references, citings, index terms

Keywords: phicons, physical constraints, tangible bits, tangible user interface, ubiquitous computing

15 Reconciling responsiveness with performance in pure object-oriented languages



Urs Hölzle, David Ungar

July 1996 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 18 Issue 4

Publisher: ACM Press

Full text available: Tpdf(537.19 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

Dynamically dispatched calls often limit the performance of object-oriented programs, since opject-oriented programming encourages factoring code into small, reusable units, thereby increasing the frequency of these expensive operations. Frequent calls not only slow down execution with the dispatch overhead per se, but more importantly they hinder optimization by limiting the range and effectiveness of standard global optimizations. In

particular, dynamically dispatched calles prevent stand ...

Keywords: adaptive optimization, pause clustering, profile-based optimization, run-time compilation, type feedback

16 Concerning SIGDOC 92: text transformation and the world of multimedia





documentation

Brad Mehlenbacher

October 1993 ACM SIGDOC Asterisk Journal of Computer Documentation, Volume 17 Issue

Publisher: ACM Press

Full text available: pdf(874.16 KB)

Additional Information: full citation, abstract, references, citings, index

Maes, Goutier, and van der Linden (1992, pp. 175--182) begin their SIGDOC 92 paper with a sentence that, I believe, best captures the spirit of last year's Ottawa conference: "It can confidently be assumed that in the coming decades a growing number of readers will be confronted with a growing number and a growing variety of reading situations in which information is offered online" (p. 175). Focusing on the implications of this assertion, this article reviews the 40 research papers presented at ...

17 Drama and personality in user interface design



S. J. Mountford, B. Buxton, M. Krueger, B. Laurel, L. Vertelney

March 1989 ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Human factors in computing systems: Wings for the mind CHI '89, Volume 20 Issue SI

Publisher: ACM Press

Full text available: pdf(380.37 KB) Additional Information: full citation, abstract, citings, index terms

The title of this panel immediately leaps out as being out of place. Of all the things that come to mind when one thinks of computers and user interfaces, drama and personality are among the last. The point here is not to make using computers more dramatic, per se, but to learn and borrow from the performing arts about techniques that could improve main stream interface design. The contributions described in this panel are borrowed from the theatrical world, film producing and music. In all ...

18 Computer-support cooperative work



Jakob Nielsen

July 1987 ACM SIGCHI Bulletin, Volume 19 Issue 1

Publisher: ACM Press

Full text available: 📆 pdf(875.91 KB) Additional Information: full citation, abstract, citings, index terms

At CHI'86 it was a general impression that the area of several people working together using computers was starting to become the next hot topic as a research area. At the same time the European Community is considering changing the focus of the human factors part of the next ESPRIT research program from the so-called human factors-1 (interaction between a single human and a single computer) to human factors-2 (interaction between several humans and several computers).

19 Dynamic construction of animated help from application context



Piyawadee Sukaviriya

January 1988 Proceedings of the 1st annual ACM SIGGRAPH symposium on User **Interface Software UIST '88**

Publisher: ACM Press

Full text available: pdf(1.64 MB)

Additional Information: full citation, abstract, references, citings, index terms

Help provided as traditional text descriptions has become incompatible with graphical interfaces. Animation suggests a better association between help and a graphical interface. This paper describes a prototype system implemented to demonstrate the use of dynamic scenarios as help. A scenario animates the execution of a task as a sequence of steps in the actual interface and work context. Each scenario is dynamically generated depending on the current work context of the user. The system re ...

20 Personal computer networks and graphical animation: Rationale and practice for



<u>education</u>

Marc Brown, Norman Meyrowitz

February 1983 ACM SIGCSE Bulletin, Proceedings of the fourteenth SIGCSE technical symposium on Computer science education SIGCSE '83, Volume 15 Issue 1 Publisher: ACM Press

Full text available: pdf(1.34 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

This paper examines how progress in computer hardware and software may be applied to solve several serious problems in teaching computer science courses. It is concerned primarily with two such problems: 1) the lack of immediate reinforcement of computing concepts because of long delays between learning and practice, and 2) the difficulty instructors have motivating and explaining complex topics with currently available instruction tools and techniques. The paper first reviews the involveme ...

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Relevance scale

21 Characterizing tool use in an interactive drawing environment

window

Robert St. Amant, Thomas E. Horton

June 2002 Proceedings of the 2nd international symposium on Smart graphics **SMARTGRAPH '02**

Publisher: ACM Press

Full text available: pdf(248.45 KB)

Additional Information: full citation, abstract, references, citings, index

The metaphor of tool use for describing the interaction between a human and a computer is pervasive in user interface design. The basic concept of tool use, however, is difficult to define precisely, for HCI purposes or in general. In this paper we argue that a close examination of physical tool use can improve the design of interactive software. We describe a drawing application, HabilisDraw, that incorporates some of the properties we associate with physical tools but are not commonly found in ...

Keywords: drawing, interface design, metaphors, tool use

22 Reusable software components

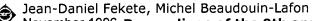
Trudy Levine

July 1996 ACM SIGAda Ada Letters, Volume XVI Issue 4

Publisher: ACM Press

Full text available: pdf(2.45 MB) Additional Information: full citation, index terms

23 Using the multi-layer model for building interactive graphical applications



November 1996 Proceedings of the 9th annual ACM symposium on User interface software and technology UIST '96

Publisher: ACM Press

Full text available: pdf(1.29 MB)

Additional Information: full citation, references, citings, index terms

Keywords: graphic model, interaction, multi-layer model, optimizations, toolkits

24 A graphic workflow simulator for factory simulation

Ralph R. Duersch, Marc A. Laymon

January 1984 Proceedings of the 17th annual symposium on Simulation ANSS '84

Publisher: IEEE Press

Full text available: pdf(1.18 MB)

Additional Information: full citation, abstract, references, citings, index terms

This paper describes the features and an implementation of a discrete systems simulator developed to simulate most manufacturing operations, to predict their performance. It is a tool intended for use by planners and manufacturing engineers who have little if any experience using them, The simulator incorporates graphics and question-and-answer interfaces to build the simulation without the user's need to know any programming language. It presents the results of the simulations in easy-to-u ...

25 Animation with CINEMA

Trevor Miles, Randall P. Sadowski, Barbara M. Werner
December 1988 Proceedings of the 20th conference on Winter simulation WSC '88

Publisher: ACM Press

Christopher S. Campbell, Paul P. Maglio

Full text available: pdf(826.62 KB)

Additional Information: full citation, abstract, references, citings, index terms

Cinema is a general purpose animation package designed to work intimately with the SIMAN simulation language. Cinema consists of two parts. The first, called CINEMA, is used to define the graphical images used in the animation. The second, called CSIMAN, is used to execute the animation. Both programs have a user-friendly graphical interface which does not require any programming. Cinema is available on microcomputers as well as Sun, VAX, and Apollo workstations.

²⁶ Paper session #3: A robust algorithm for reading detection



Publisher: ACM Press

Full text available: pdf(293.66 KB) Additional Information: full citation, abstract, references, citings

As video cameras become cheaper and more pervasive, there is now increased opportunity for user interfaces to take advantage of user gaze data. Eye movements provide a powerful source of information that can be used to determine user intentions and interests. In this paper, we develop and test a method for recognizing when users are reading text based solely on eye-movement data. The experimental results show that our reading detection method is robust to noise, individual differences, and varia ...

Keywords: attentive systems, gaze tracking, gaze-based interfaces, reading detection, user interest tracking

27 Animation design with Cinema



Richard A. Kilgore, Kevin J. Healy
December 1987 Proceedings of the 19th conference on Winter simulation WSC '87

Publisher: ACM Press

Full text available: pdf(735.12 KB)

Additional Information: full citation, abstract, references, citings, index

Cinema is a general purpose animation system designed to work with the SIMAN simulation language. A sophisticated yet easy to use graphical interface supports a variety of graphical functions that allow users with little or no programming skills to build realistic and useful animations.

28 An animated 3D manipulator for distributed collaborative window-based applications Matthew L. Davies, Bruce H. Thomas



January 2001 Australian Computer Science Communications, Proceedings of the 2nd Australasian conference on User interface AUIC '01, Volume 23 Issue-5

Publisher: IEEE Computer Society, IEEE Computer Society Press

Full text available: pdf(1.30 MB) Additional Information: full citation, abstract, references

This paper presents a new animated 3D graphical object manipulator to improve the visualisation of distributed window-based collaborative 3D applications. By applying animation techniques to the user interface, the experience of multi-user interaction may be enhanced. A major problem associated with distributed collaborative 3D applications is that interactions among users may cause conflicts, and it may be difficult to convey what these conflicts are. In addition, there is a need for additional ...

Keywords: 3D graphics, collaborative applications, distributed applications, graphical manipulators

²⁹ Illustrative risks to the public in the use of computer systems and related technology



Peter G. Neumann

January 1994 ACM SIGSOFT Software Engineering Notes, Volume 19 Issue 1

Publisher: ACM Press

Full text available: <u>電 pdf(2.24 MB)</u> Additional Information: <u>full citation</u>, <u>citings</u>, <u>index terms</u>

30 Computer animation with CINEMA



J. P. Poorte, D. A. Davis

October 1989 Proceedings of the 21st conference on Winter simulation WSC '89

Publisher: ACM Press

Full text available: Tpdf(816.83 KB)

Additional Information: full citation, abstract, references, citings, index

Cinema is a general purpose animation system designed to animate models developed using the SIMAN simulation language. The Cinema package consists of two separate modules. With the first module, called CINEMA, users specify graphical images used in the animation. The second module, called CSIMAN, is used to execute a SIMAN simulation model and concurrently render the associated animation. Animation typically centers around the presentation of final modeling results. However, the simplicity of dev ...

31 GAME: an object-oriented approach to computer animation in flexible manufacturing system modelling



Daniel Breugnot, Michel Gourgand, David Hill, Patrick Kellert

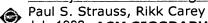
April 1991 Proceedings of the 24th annual symposium on Simulation ANSS '91

Publisher: IEEE Computer Society Press

Full text available: pdf(1.43 MB)

Additional Information: full citation, references, index terms

32 An object-oriented 3D graphics toolkit



July 1992 ACM SIGGRAPH Computer Graphics, Proceedings of the 19th annual conference on Computer graphics and interactive techniques SIGGRAPH **'92**, Volume 26 Issue 2

Publisher: ACM Press

Full text available: pdf(4.78 MB) Additional Information: full citation, references, citings, index terms

Keywords: direct manipulation, interactive 3D graphics, object-oriented design, scene

representation

"Smart clothing": wearable multimedia computing and "personal imaging" to restore
 the technological balance between people and their environments



Steve Mann

February 1997 Proceedings of the fourth ACM international conference on Multimedia MULTIMEDIA '96

Publisher: ACM Press

Full text available: pdf(2.18 MB)

Additional Information: full citation, references, citings, index terms

Keywords: augmented reality, mediated reality, mobile multimedia, pencigraphic image compositing, personal imaging, smart spaces, ubiquitous computing, video orbits, video surveillance, wearable computing

34 Moving cursor plane for interactive sculpting



Elvis Ko-Yung Jeng, Zhigang Xiang

July 1996 ACM Transactions on Graphics (TOG), Volume 15 Issue 3

Publisher: ACM Press

Full text available: 🔁 pdf(8.11 MB) Additional Information: full citation, references, citings, index terms

Keywords: cursor, depth cue, interactive sculpting, shape cue, visual feedback

35 Macintosh human interface guidelines

Full text available: Tpdf(37.61 MB)

Apple Computer, Inc. January 1992 Book

Publisher: Addison-Wesley Publishing Company

Additional Infor

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>cited by</u>, <u>index</u>

Macintosh Human Interface Guidelines describes the way to create products that optimize the interaction between people and Macintosh computers. It explains the whys and hows of the Macintosh interface in general terms and specific details.

Macintosh Human Interface Guidelines helps you link the philosophy behind the Macintosh interface to the actual implementation of interface elements. Examples from a wide range of Macintosh products show good human interface design, including individ ...

36 Extending a graphical toolkit for two-handed interaction



November 1994 Proceedings of the 7th annual ACM symposium on User interface software and technology UIST '94

Publisher: ACM Press

Full text available: pdf(1.14 MB)

Additional Information: full citation, abstract, references, citings, index

terms

Multimodal interaction combines input from multiple sensors such as pointing devices or speech recognition systems, in order to achieve more fluid and natural interaction. Two-handed interaction has been used recently to enrich graphical interaction. Building applications that use such combined interaction requires new software techniques and frameworks. Using additional devices means that user interface toolkits must be more flexible with regard to input devices and event types. The possib ...

Keywords: direct manipulation, graphical toolkit, interaction styles, multimodal interaction, two-handed interaction

Designing a multimedia publication: American Center for Design interact journal
Peter Spreenberg
May 1995 Conference companion on Human factors in computing systems CHI '95
Publisher: ACM Press
Full text available: pdf(303.44 KB) Additional Information: full citation, index terms

38 Computer animation with CINEMA (tutorial session)

Jacob P. Poorte, Deborah A. Davis

December 1990 Proceedings of the 22nd conference on Winter simulation WSC' 90

Publisher: IEEE Press

Full text available: pdf(657.01 KB) Additional Information: full citation, references, citings, index terms

39 HoloSketch: a virtual reality sketching/animation tool

Michael F. Deering

September 1995 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 2

Issue 3

Publisher: ACM Press

Full text available: pdf(2.83 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

This article describes HoloSketch, a virtual reality-based 3D geometry creation and manipulation tool. HoloSketch is aimed at providing nonprogrammers with an easy-to-use 3D "What-You-See-Is-What-You-Get" environment. Using head-tracked stereo shutter glasses and a desktop CRT display configuration, virtual objects can be created with a 3D wand manipulator directly in front of the user, at very high accuracy and much more rapidly than with traditional 3D drawing systems. HoloSke ...

Keywords: 3D animation, 3D graphics, CAD, graphics drawing systems, graphics painting systems, man-machine interface, virtual reality

40 Inkwell: A 2-D animation system

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Peter C. Litwinowicz

July 1991 ACM SIGGRAPH Computer Graphics , Proceedings of the 18th annual conference on Computer graphics and interactive techniques SIGGRAPH

'91, Volume 25 Issue 4

Publisher: ACM Press

Full text available: pdf(3.05 MB)

Additional Information: $\underline{\text{full citation}},\,\underline{\text{abstract}},\,\underline{\text{references}},\,\underline{\text{citings}},\,\underline{\text{index}}$

terms

Inkwell, an experimental 2 1/2-D keyframe animation system, is the subject of this paper.

Inkwell provides an intuitive user interface for creating and animating polygons, ellipses and splines. These primitives may be outlined and filled with a variety of patterns to create animated diagrams, graphs and charts, and simple characters and cartoons. Inkwell also has a patch primitive that facilitates deformation and animation of textured regions. The system provides editing features that include sh ...

Keywords: animation, character animation, free form deformation

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The interactive graphics and antimation of GPSS/PC



Springer W. Cox

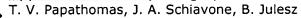
December 1987 Proceedings of the 19th conference on Winter simulation WSC '87

Publisher: ACM Press

Full text available: Topdf(918.45 KB) Additional Information: full citation, abstract, references, index terms

GPSS/PC is an implementation of GPSS, the General Purpose Simulation System. It was created primarily as an interactive simulation environment for personal computers and dedicated workstations. GPSS/PC is distinguished by its visibility and interactivity. With the introduction of Version 2, it has added interactive graphics and animation to its simulation environment. Its graphics windows allow manipulation via an optional pointing device, and each window retains full controllabi ...

42 Applications of computer graphics to the visualization of meteorological data



June 1988 ACM SIGGRAPH Computer Graphics, Proceedings of the 15th annual conference on Computer graphics and interactive techniques SIGGRAPH '88, Volume 22 Issue 4

Publisher: ACM Press

Full text available: pdf(3.39 MB)

Additional Information: full citation, abstract, references, citings, index terms

The need to visualize huge amounts of numerical data is exemplified in the field of meteorology, where measurements of many atmospheric parameters are routinely taken over large geographical areas for the purpose of monitoring and predicting weather. Computer graphics has provided and will continue to offer powerful tools to meet this visualization challenge, principally in three areas: first, efficient graphics algorithms for displaying the data; second, novel special-purpose graphics hardware; ...

Keywords: animation, atmospheric phenomena, clouds, display techniques, fog, image processing, interactive workstations, modelling, motion, perception, stereo, weather forecasting

43 Animating user interfaces using animation servers

Krishna Bharat, Piyawadee Noi Sukaviriya

December 1993 Proceedings of the 6th annual ACM symposium on User interface

software and technology UIST '93

Publisher: ACM Press

Full text available: pdf(1.21 MB) Additional Information: full citation, references, citings, index terms

Keywords: CSCW, animation server, application state, context-sensitivity, extensible interfaces, multimedia, user interface animation

44 Graphical interpretation of output illustrated by a SIMAN manufacturing system



simulation

Lisa A. Pegden, Trevor I. Miles, Gustavo A. Diaz

December 1985 Proceedings of the 17th conference on Winter simulation WSC '85

Publisher: ACM Press

Full text available: pdf(800.23 KB) Additional Information: full citation, abstract, citings

This paper discusses the role of graphical analysis of simulation data. Both static graphics and dynamic graphics contribute to the understanding of the simulation model. The advantages and disadvantages of these two major classes of output graphics are described. A SIMAN model of a manufacturing system is used to illustrate the different types of graphical output, three commercially available packages for graphically analyzing the system are discussed.

45 A software model and specification language for non-WIMP user interfaces



Robert J. K. Jacob, Leonidas Deligiannidis, Stephen Morrison

March 1999 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 6 Issue

Publisher: ACM Press

Full text available: pdf(574.62 KB)

Additional Information: full citation, abstract, references, citings, index terms

We present a software model and language for describing and programming the fine-grained aspects of interaction in a non-WIMP user interface, such as a virtual environment. Our approach is based on our view that the essence of a non-WIMP dialogue is a set of continuous relationships—most of which are temporary. The model combines a data-flow or constraint-like component for the continuous relationships with an event-based component for discrete interactions, which can enable or diabl ...

Keywords: PMIW, interaction techiques, non-WIMP interface, specification language, state transition diagram, user interface management system (UIMS)

46 Digital video display systems and dynamic graphics



Ronald Baecker

August 1979 ACM SIGGRAPH Computer Graphics, Proceedings of the 6th annual conference on Computer graphics and interactive techniques SIGGRAPH '79, Volume 13 Issue 2

Publisher: ACM Press

Full text available: pdf(1.06 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Most digital video display systems have been capable of producing only text or static imagery. This paper shows that these limitations are not intrinsic to the technology, but are rather a direct consequence of the display system architecture. The paper begins by summarizing some of the background required to understand digital video display systems. The state-of-the-art is then surveyed, supported by an extensive bibliography. Existing systems are described in terms of a methodology which ...

Keywords: Animated graphics, Computer animation, Digital video display, Dynamic graphics, Raster display, Raster graphics, Video display, Video raster system

47	CINEMA tutorial					
۹	Kevin J. Healy					
~	December 1985 Proceedings of the 17th conference on Winter simulation WSC '85					
	Publisher: ACM Press Full text available: pdf(492.68 KB) Additional Information: full citation, abstract, references, citings					
	CINEMA is a general purpose, micro-computer based animation system designed to work with the SIMAN simulation language. A sophisticated yet easy to use graphical interface allows users with little or no programming skills to build highly detailed animations of any SIMAN simulation model.					
48	Coupling a UI framework with automatic generation of context-sensitive animated					
help Piyawadee Sukaviriya, James D. Foley August 1990 Proceedings of the 3rd annual ACM SIGGRAPH symposium on User interface software and technology UIST '90 Publisher: ACM Press						
	Full text available: pdf(1.52 MB) Additional Information: full citation, references, citings, index terms					
49	Easily adding animations to interfaces using constraints					
\$	Brad A. Myers, Robert C. Miller, Rich McDaniel, Alan Ferrency November 1996 Proceedings of the 9th annual ACM symposium on User interface software and technology UIST '96					
	Publisher: ACM Press Full text available: pdf(1.34 MB) Additional Information: full citation, references, citings, index terms					
	Keywords : Amulet, animation, constraints, toolkits, user interface development environments					
50	Exhibits: What you see is what you feel: exploiting the dominance of the visual over					
٨	the haptic domain to simulate force-feedback with cursor displacements					
•	Ir. Mfa Koert van Mensvoort June 2002 Proceedings of the conference on Designing interactive systems:					
	processes, practices, methods, and techniques DIS '02					
	Publisher: ACM Press					
	Full text available: pdf(58.11 KB) Additional Information: full citation, abstract, references, citings, index terms					
	In this paper, we will present an approach to design a more natural user interface without taking resort to special haptic input/output devices. Tactile sensations like stickiness, touch, or mass can be evoked by applying tiny displacements upon cursor movements. Our active cursor method exploits the domination of the visual over the haptic domain. We will show that interactive animations can be used to simulate the functioning of force-feedback devices. A demo is online at http://www.koert.com/					

multi-modal, natural interfaces, simulation

Keywords: force-feedback, haptics, interactive animation, intersensory perception,

51 An integrated environm	ent to visually	construct 3D animations
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Enrico Gobbetti, Jean-Francis Balaguer

September 1995 Proceedings of the 22nd annual conference on Computer graphics and interactive techniques SIGGRAPH '95

Publisher: ACM Press

Full text available: pdf(68.65 KB)
ps(108.70 KB)

Additional Information: full citation, references, citings, index terms

Keywords: 3D animation, 3D interaction, 3D widgets, data reduction, local propagation constraints, object-oriented graphics, virtual tools

52 Interactive control for physically-based animation

Joseph Laszlo, Michiel van de Panne, Eugene Fiume

July 2000 Proceedings of the 27th annual conference on Computer graphics and interactive techniques SIGGRAPH '00

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: pdf(197.96 KB)

Additional Information: full citation, abstract, references, citings, index terms

We propose the use of interactive, user-in-the-loop techniques for controlling physically-based animated characters. With a suitably designed interface, the continuous and discrete input actions afforded by a standard mouse and keyboard allow for the creation of a broad range of motions. We apply our techniques to interactively control planar dynamic simulations of a bounding cat, a gymnastic desk lamp, and a human character capable of walking, running, climbing, and various gymnastic behav ...

Keywords: physically based animation, user interfaces

53 Grasping reality through illusion—interactive graphics serving science

F. P. Brooks

May 1988 Proceedings of the SIGCHI conference on Human factors in computing systems CHI '88

Publisher: ACM Press

Full text available: pdf(1.27 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

I treat three related subjects: virtual-worlds research—the construction of real-time 3-D illusions by computer graphics; some observations about interfaces to virtual worlds; and the coming application of virtual-worlds techniques to the enhancement of scientific computing. We need to design generalized interfaces for visualizing, exploring, and steering scientific computations. Our interfaces must be direct-manipulation, not command-string; interactive, not batch; 3-D, no ...

54 Information visualization using 3D interactive animation

George G. Robertson, Stuart K. Card, Jack D. Mackinlay
April 1993 Communications of the ACM, Volume 36 Issue 4

Publisher: ACM Press

Full text available: pdf(7.01 MB) Additional Information: full citation, references, citings, index terms

55	Tour into the picture: using a spidery mesh interface to make animation from a single						
•	image Youichi Horry, Ken-Ichi Anjyo, Kiyoshi Arai August 1997 Proceedings of the 24th annual conference on Computer graphics and						
	interactive techniques SIGGRAPH '97 Publisher: ACM Press/Addison-Wesley Publishing Co.						
	Full text available: pdf(647.80 KB) Additional Information: full citation, references, citings, index terms						
	Keywords : field-of-view angle, graphical user interface, image-based modeling/rendering, vanishing point						
56	Edward B. Lieberman, Barbara Andrews						
	December 1990 Proceedings of the 22nd conference on Winter simulation WSC' 90 Publisher: IEEE Press						
	Full text available: pdf(969.11 KB) Additional Information: full citation, references, citings, index terms						
57	Texture mapping for cel animation						
•	Wagner Toledo Corrêa, Robert J. Jensen, Craig E. Thayer, Adam Finkelstein July 1998 Proceedings of the 25th annual conference on Computer graphics and interactive techniques SIGGRAPH '98						
	Publisher: ACM Press						
	Full text available: pdf(668.31 KB) Additional Information: full citation, references, citings, index terms						
	Keywords : celanimation, metamorphosis, morph, non-photorealistic rendering, silhouette detection, texture mapping, warp						
58	Computer graphics literature for 1986: a bibliography						
•	Baldev Singh June 1987 ACM SIGGRAPH Computer Graphics, Volume 21 Issue 3 Publisher: ACM Press						
	Full text available: pdf(1.68 MB) Additional Information: full citation, index terms						
59	A structure from manipulation for text-graphic objects						
٨	Fred H. Lakin						
•	July 1980 ACM SIGGRAPH Computer Graphics, Proceedings of the 7th annual conference on Computer graphics and interactive techniques SIGGRAPH '80, Volume 14 Issue 3						
	Publisher: ACM Press						
	Full text available: pdf(676.91 KB) Additional Information: full citation, abstract, references, citings, index terms						
	The general purpose graphics systems of the future will need a simple logic for visual objects—one structure underlying both text and graphics. As an experiment, perhaps the immediate handling of visual objects by the user can provide the starting point for developing that structure. This paper describes the PAM graphics system, in which the structure of text-graphic objects arises directly out of manual manipulation. The needs of						

manual manipulation determine the

Keywords: Computing with text-graphic forms, Front-in design, Graphics command language, Graphics programming language, Hand powered animation, Interactive computer graphics, LISP, Man-machine interface, Manipulative grammar, Phenomenology, Text-graphic objects, Visual linguistics

60 3D Galatea: Entry of three-dimensional moving points from multiple perspective





Steven A. MacKay, Richard E. Sayre, Michael J. Potel

July 1982 ACM SIGGRAPH Computer Graphics, Proceedings of the 9th annual conference on Computer graphics and interactive techniques SIGGRAPH '82, Volume 16 Issue 3

Publisher: ACM Press

Full text available: pdf(1.57 MB)

Additional Information: full citation, abstract, references, citings, index

We describe an interactive graphics system for the entry of three-dimensional moving points from multiple perspective views. This work represents a major extension of Galatea, our system for graphics-assisted 2D motion analysis. 3D Galatea permits reconstruction of 3D time-dependent positions from 2D entries in two or more perspective views. The system supports a general approach for calibrating perspective views. This method, based on work of Sutherland, uses a known 3D referenc ...

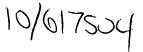
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CJ Ryan, DR Gentner... - US Patent 6,104,397, 2000 - Google Patents

... embodiment of the inven -tion uses a button graphic as the computer-generated graphic

indicator and further comprises the steps of establishing a ${\it cursor}$ on the \dots

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METHODS - all 3 versions »

RH FERRIS, BG HURDLE, RJ Mackey Jr, KP Thompson... - 1955 - stormingmedia.us

... Range rate obtained from the Graphic Indicator is utilized to give

rate-aided tracking by automatically positioning the cursor. ...

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DS Fritsch, JG Tatge - 2002 - freepatentsonline.com

... bid or buy bid on the monitor in response to the graphic indicator being displayed ...

of a monetary value correlating to the position of the cursor in response to ...

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Methods and apparatus for an improved control parameter value indicator - all 3 versions »

TM Leard, JP Gilmore - US Patent 6,118,385, 2000 - Google Patents

... illustrating an exemplary method of selecting an appropriate **graphic indicator** configuration. ... In the case offlight **cursor** control, for example, control input ...

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Transition status display for video switcher - all 2 versions »

B Johnson - US Patent 4,835,613, 1989 - Google Patents

... integer second still to be entered as indicated by the **cursor** 58. ... the analog line segment further including a transition type **graphic indicator**; generating an ...

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Method and system for graphic display of link actions - all 3 versions »

FM Burg, MS Schoeffler - US Patent 6,362,840, 2002 - Google Patents

... The **cursor** is a moveable **graphic indicator** on the computer graphic display that is usually controlled by a mouse or trackball. As ...

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Computer interface device - all 3 versions »

MD Gard - US Patent 5,990,865, 1999 - Google Patents

... similarly tactile forms of **cursor**/input/tool control. ... The control device typically guides a travel-vector **graphic indicator** as feedback to user gestures. ...

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SM Marusak - US Patent 5,592,604, 1997 - Google Patents

Page 1. United States Patent Marusak US005592604A [il] Patent Number:

[45] Date of Patent: [54] METHOD AND SYSTEM FOR INDICATING ...

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Method and apparatus for assisting a user in positioning an ultrasonic transducer - all 3 versions »

A Langguth - US Patent 6,048,317, 2000 - Google Patents

... Thereafter, the user, by positioning a cursor at locations along the imaged ... display means to display said first indications by a graphic indicator, a numeric ...

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The SonicFinder: An Interface That Uses Auditory Icons - all 7 versions »
WW Gaver - Human-Computer Interaction, 1989 - Lawrence Earlbaum
Page 1. HUMAN-COMPUTER INTERACTION, 1989, Volume 4, pp. 67-94 Copyright O 1989,
Lawrence Erlbaurn Associates, Inc. The SonicFinder: An Interface That ...
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Method and apparatus for providing three-dimensional model associativity - all 3 versions »

JP Bronfeld, G Haran, SM Doyle - US Patent 6,308,144, 2001 - Google Patents ... ACAD/CAM system provides apositive indication to a user that the user has located a **cursor** so that an object on a two-dimensional sketcher plane has been ... Cited by 7 - Related Articles - Web Search

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... 29334, "**Graphic Indicator** for Mail Status and Type". ... wherein the interpretation that the computer system gives to a specific position of a cursor depends, in ... Cited by 38 - Related Articles - Web Search

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J Wanderer, C Cooper, M Gerolimatos, M Chen - US Patent 5,491,796, 1996 - Google Patents

Page 1. United States Patent Wanderer et al. US005491796A [il] Patent Number: [45] Date of Patent: [54] APPARATUS FOR REMOTELY MANAGING ...

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S Colwell, LS Gross, WT Gross, L Hasiuk, D Rolfe - US Patent 5,303,361, 1994 - Google Patents

Page 1. United States Patent Colwell et al. [54] SEARCH AND RETRIEVAL SYSTEM [75] Inventors: Steve Colwell, Rochester, NY; [73] Assignee: ...

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IEEE guide for the application of human factors engineering in thedesign of computer-based ...

TOC View - IEEE Std 1289-1998, 1998 - ieeexplore ieee.org

... It is generally performed through the use of a display structure, such as a pointer, and a **cursor** control device, such as a mouse. ...

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... the range of motion of an object, such as a cursor, in Cartesian ... The system eases development by providing, at input ports, a graphic indicator that identifies ... Cached - Web Search

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